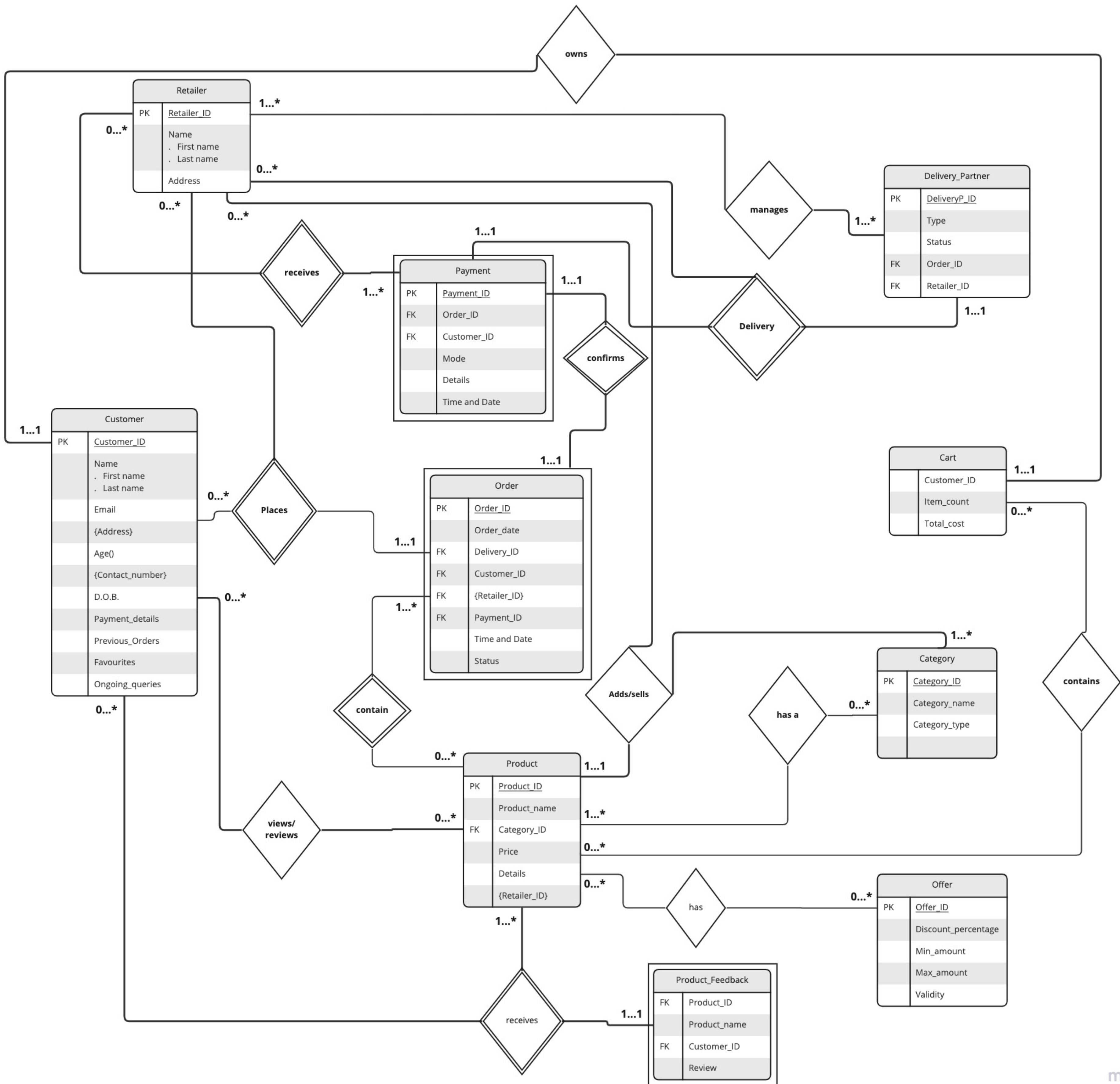


Entity-Relationship Model

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Relational Model



Relationships:

- Customer - cart : every customer owns a cart and every cart is owned by the a single customer. One to one relationship.
- Customer-order-retailer: A ternary relationship where a customer can have any amount of orders and the retailer as well receives any amount of orders, but an order belongs to a single customer is handled by a retailer.
- Customer-product: every customer has insights into the product catalogue and every product is visible to customers. Many to many relationship.
- Customer-product-product_feedback: customer can add feedback for a particular product and a product can have any amount of feedbacks. Ternary relationship.
- Product-offer: products can be put on offers. many to many.
- product-cart: products are added in to the cart by the users. many to many.
- product-category: every product has a category. but every category need not a have a product.
- retailer-payment: retailers receive the payment once the user finalise the order.
- order-payment: after checkout of order. the payment is confirmed and is processed further.
- retailer-delivery_partner: the retailer manages the delivery once the order is confirmed.